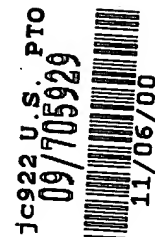


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PATENT
P56228



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

YOUNG-SUN KIM

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 6 November 2000

Art Unit: *to be assigned*

For: FALSE CONTOUR CORRECTION APPARATUS IN IMAGE DISPLAY SYSTEM
AND FALSE CONTOUR CORRECTION METHOD

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, and provides copies of the following art references:

1. U.S. Patent No. 6,072,555 to Mizutome *et al.*, entitled *DISPLAY APPARATUS CAPABLE OF GRADATIONAL DISPLAY*, issued on June 6, 2000;
2. U.S. Patent No. 5,963,190 to Tsuboyama *et al.*, entitled *DRIVING METHOD FOR DISPLAY DEVICE AND DISPLAY APPARATUS*, issued on October 5, 1999;

3. U.S. Patent No. 6,088,012 to Shigeta *et al.*, entitled *HALF TONE DISPLAY METHOD FOR A DISPLAY PANEL*, issued on July 11, 2000;
4. U.S. Patent No. 6,052,112 to Tanaka *et al.*, entitled *GRADATION DISPLAY SYSTEM*, issued on April 18, 2000;
5. U.S. Patent No. 5,109,282 to Peli, entitled *HALFTONE IMAGING METHOD AND APPARATUS UTILIZING PYRAMIDOL ERROR CONVERGENCE*, issued on April 28, 1992;
6. U.S. Patent No. 6,100,939 to Kougami *et al.*, entitled *TONE DISPLAY METHOD AND APPARATUS FOR DISPLAYING IMAGE SIGNAL*, issued on August 8, 2000;
7. U.S. Patent No. 6,018,329 to Kida *et al.*, entitled *DRIVING SYSTEM FOR A PLASMA DISPLAY PANEL*, issued on January 25, 2000;
8. U.S. Patent No. 4,574,636 to Satake, entitled *APPARATUS FOR EXAMINING AN OBJECT BY USING ULTRASONIC BEAMS*, issued on March 11, 1986;
9. U.S. Patent No. 6,134,025 to Takeuchi *et al.*, entitled *DOT IMAGE DATA OUTPUT APPARATUS*, issued on October 17, 2000;

10. U.S. Patent No. 5,706,063 to Hong, entitled *OPTICAL SYSTEM OF A REFLECTION LCD PROJECTOR*, issued on January 6, 1998;
11. Japanese Patent No. 11-6980 to Miyashita, entitled *PROJECTION DEVICE*, published on 12 January 1999 discloses a projection device having a low-input lamp as a light source to prolong the life of the device and to continue projection in a somewhat dark state even when one lamp is burnt out;
12. Japanese Patent No. 08-168039 to Nomura *et al.*, entitled *PROJECTION DISPLAY SYSTEM AND PROJECTION POSITION ADJUSTING METHOD*, published on June 25, 1996, provides a projection display system and its projection position adjusting method which are lightweight and facilitate pixel matching for high definition;
13. Japanese Patent No. 10-148885 to Murakami *et al.*, entitled *PROJECTOR APPARATUS*, published on 20 May 1998, discloses a projector apparatus comprising an image signal processor for generating color drive signals of at least four channels which correspond to at least four kinds of colors including colors selected according to the spectrum of a light source, from the three primary color image signals;

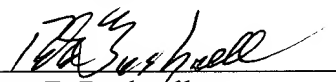
14. Japanese Patent No. 08-294138 to Ozuru *et al.*, entitled *LIQUID CRYSTAL PROJECTOR*, published on 5 November 1996, discloses an improved method and apparatus for obtaining the liquid crystal projector in which an original image is reproduced and the light utilizing efficiency is improved by using a luminance signal and a chrominance signal in the liquid crystal projector employing a luminance liquid crystal panel and a color liquid crystal panel;
15. Japanese Patent No. 10-123477 to Yoneda *et al.*, entitled *LIQUID CRYSTAL PROJECTOR*, published on May 15, 1998, discloses a method and apparatus for obtaining a liquid crystal projector in which the brightness of a reproduced picture is emphasized and the white color chromaticity does not vary with the opening of a panel and the kind of a lamp;
16. Japanese Patent No. 10-23445 to Semasa, entitled *PICTURE DISPLAY DEVICE*, published on 23 January 1998, discloses a method to provide a picture display device capable of obtaining a display picture with fine color tone over the whole picture; and
17. Japanese Patent No. 09-90402 to Takigawa *et al.*, entitled *PICTURE DISPLAY DEVICE*, published on 4 April 1997, discloses a method and apparatus for enhancing the brightness of a picture writing light and for miniaturizing an optical system in a picture display device for writing picture information on the input surface of a spatial

modulation element by using ferroelectric liquid crystal and magnifying and projecting the picture displayed on the output surface of the spatial modulation element.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relative arts.

No fee is incurred by this Statement.

Respectfully submitted,


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